

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A wireless packetization method in a multimedia transmitting and/or receiving system in a wireless network, comprising the steps of:

forming a predetermined layer protocol by adding a header to multimedia data which is transmitted through a radio path; and

adding an error ~~protection~~ detection code for ~~protecting~~ detecting an error in the header information and a corruption indication flag for indicating corruption of the data, to the header of the predetermined layer protocol.

2. (currently amended): The wireless packetization method according to claim 1, wherein the corruption indication flag is set as a result of ~~an~~ the error when the error ~~protection~~ detection code for the header information is checked.

3. (currently amended): A wireless packetization method for a wireless link layer protocol in a multimedia transmitting apparatus in a wireless network, comprising the steps of:

forming a wireless link layer protocol by adding a header to multimedia data which is transmitted through an application layer; and

adding an error ~~protection~~ detection code for ~~protecting~~ detecting an error in the header information and a corruption indication flag for indicating corruption of the data, to the header of the wireless link layer protocol.

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/783,333

4. (currently amended): The wireless packetization method according to claim 3, wherein the error ~~protection~~ detection code error-~~protects~~ detects between at least one radio link protocol (RLP) type information and sequence number information, which are set to the header of the wireless link layer protocol.

5. (original): The wireless packetization method according to claim 3, wherein the corruption indication flag indicates a data error received on a layer lower than the wireless link layer protocol.

6. (original): The method for transmitting a wireless packet according to claim 3, wherein the corruption indication flag indicates an error of data contained in multiplex-protocol data unit (MUX-PDU) on a multiplex (MUX) sub-layer.

7. (currently amended): A method for receiving a wireless packet in a method for decoding data by receiving a packet in which an error ~~protection~~ detection code for ~~protecting~~ detecting an error in the header information and a corruption indication flag for indicating corruption of the data are added to a header of a radio link layer protocol, comprising the steps of:

transmitting a RLP frame, in a case where there is no error when a data field is checked by an error ~~protection~~ detection code on a multiplex (MUX) layer, to a next layer and checking an error of the header information by the error ~~protection~~ detection code in a case where there is some error; and

setting the corruption indication flag and re-sequencing data of the data field in a case when there is no error in the header information and resetting the corruption indication flag and discarding the entire frame in a case where there is some error in the header information.

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/783,333

8. (currently amended): The method for receiving a wireless packet according to claim 7, wherein the error ~~protection~~ detection code on the MUX layer is a code for checking the error of the data field in multiplex-protocol data unit (MUX-PDU).

9. (currently amended): A wireless packetization apparatus for a wireless link layer protocol in a multimedia transmitting system in a wireless network, comprising:

a header information-creating unit for creating header information having an error ~~protection~~ detection code for ~~protecting~~ detecting an error in a header information relating to multimedia data transmitted through an application layer and a corruption indication flag for indicating corruption of the data; and

a radio link protocol (RLP) frame-forming unit for forming a radio link frame by multiplexing the header information formed in the header information-creating unit and the data.

10. (currently amended): An apparatus for receiving a wireless packet in an apparatus for decoding data by receiving a packet in which an error ~~protection~~ detection code for ~~protecting~~ detecting an error in a header information and a corruption indication flag for indicating corruption of data are added to a header of a radio link layer protocol, comprising:

a means for transmitting a RLP frame, in a case where there is no error when a data field is checked by an error ~~protection~~ detection code on a multiplex (MUX) layer, to a next layer and for checking an error of the header information by the error ~~protection~~ detection code in a case where there is some error; and;

a means for setting the corruption indication flag and for re-sequencing data of the data field in a case when there is no error in a header and for resetting the corruption indication flag and discarding the entire frame in a case where there is some error.